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THE
JHARKHAND GAZETTE
EXTRAORDINARY
PUBLISHED BY AUTHORITY

No.659

18 Bhadra, 1937 (S)

Ranchi, Wednesday 9th September, 2015

Jharkhand State Electricity Regulatory Commission

(Distribution Licensees' Standards of Performance) Regulations, 2015

RESOLUTION

The 7th September, 2015

Notification No. 46-In exercise of the power conferred under Section 181 (za) and (zb) read with Sections 57 and 59 of the Electricity Act,2003 and all power enabling it in that behalf, the Jharkhand State Electricity Regulatory Commission hereby frames the following Regulation regarding the Distribution Licensees' Standard of Performance, namely:

A1: Short Title, Extent and Commencement

- 1.1 These regulations may be called the Jharkhand State Electricity Regulatory Commission (Distribution Licensees' Standards of Performance) Regulations, 2015.
- 1.2 These regulations shall be applicable to all licensees engaged in distribution of electricity in the State of Jharkhand, including deemed licensee.
- 1.3 These regulations extend to the whole of the State of Jharkhand.
- 1.4 These regulations shall come into force on the date of their publication in the Jharkhand State Gazette.
- 1.5 These regulations lay down the guidelines to maintain distribution system parameters within the permissible limits. These standards shall serve as guidelines for licensees for providing an efficient, reliable, coordinated and economical system of electricity distribution. The objectives of these performance standards are:
 - (a) to lay down standards of performance;
 - (b) to measure performance against the standards for the licensee in providing service;
 - (c) to ensure that the distribution network performance meets a minimum standard which is essential for the consumers' installation to function properly;
 - (d) to enable the consumers to design their systems and equipment to suit the electrical environment that they operate in; and
 - (e) to enhance the quality of the services to meet acceptable customer service standards in the short term and gradually move towards improved customer service standards in the long term.

1.6 Amendment in these Regulations

- 1.8.1 The Commission may amend these Regulations suo moto or on recommendation. However, before any amendment is made in these Regulations, comments on the proposed changes shall be obtained from all the supply licensees and public.
- 1.8.2 Any change in these Regulations shall be placed on the websites of the licensee and the Commission, and extracts of the changes shall be published by the licensees in at least two newspapers having wide circulation in their area of supply apart from keeping printed copies of the changes in all local offices.

1.7 Repeal and Savings

- 1.7.1 Save as otherwise provided in these Regulations, the earlier Regulations namely “Jharkhand State Electricity Regulatory Commission (Distribution Licensees’ Standards of Performance) Regulations, 2005” read with all amendments thereto, as applicable to the subject matter of these Regulations are hereby repealed.
- 1.7.2 Notwithstanding such repeal, anything done or action taken or purported to have been taken, or proceedings initiated under such repealed Regulations, shall be deemed to have been taken under these Regulations to the extent that same were not inconsistent with the Act.

A2: Definitions and Interpretations

- 2.1 Words, terms and expressions defined in the Electricity Act, 2003, as amended from time to time and used in these Regulations shall have and carry the same meaning as defined and assigned in the said Act. Expressions used herein but not specifically defined in the Act but defined under any law passed by a competent legislature and applicable to the electricity industry in the state shall have the meaning assigned to them in such law. Subject to the above, expressions used herein but not specifically defined in these Act or any law passed by a competent legislature shall have the meaning as is generally assigned in the electricity industry.
- 2.2 In the interpretation of these Regulations, unless the context otherwise requires:
 - (a) Words in the singular or plural term, as the case may be, shall also be deemed to include the plural or the singular term, respectively;
 - (b) References to any statutes, regulations or guidelines shall be construed as including all statutory provisions consolidating, amending or replacing such statutes, regulations or guidelines, as the case may be, referred to;
 - (c) Terms "include" or "including" shall be deemed to be followed by "without limitation" or "but not limited to" regardless of whether such terms are followed by such phrases or words of like import.
- 2.3 In these regulations, unless the context otherwise requires:
 - (a) **“Act”** means the Electricity Act, 2003, read in conjunction with its latest revisions;
 - (b) **“application”** means an application form complete in all respects in the appropriate format, as required by the Distribution licensee, along with documents showing payment of necessary charges and other compliances;

- (c) “**area of supply**” means the area within which a licensee is authorised by his License to supply electricity;
- (d) “**call centre**” means the office set up (may be at back end or customer interfacing front end) with adequate technology and systems to register complaints round the clock;
- (e) “**Class-I cities**” are as defined in the latest Census of India (areas with population of more than 1 lakh) including the cities of Ranchi, Dhanbad and Jamshedpur.
- (f) “**clearances**” means the necessary approval from outside agencies such as municipal authorities which is required for completion of work by the licensee;
- (g) “**Commission**” means the Jharkhand State Electricity Regulatory Commission;
- (h) “**conductor**” means any wire, cable, bar, tube, rail or plate used for conducting electrical energy and so arranged as **to** be electrically connected to a system;
- (i) “**consumer**” means any person who is supplied with electricity for his own use by a licensee or the Government or by any other person engaged in business of supplying electricity to the public under this Act or any other law for the time being in force and includes any person whose premises are for the time being connected for the purpose of receiving electricity with the works of a licensee, the Government or such other person, as the case may be;
- (j) “**consumer indexing**” shall mean identification and codification of each consumer in the electrical network with a unique code relating it to the network assets; so that with the help of that unique code it should be possible to identify the consumer, pole, distribution transformer, feeder and substation feeding the consumer;
- (k) “**Days**” means clear working days;
- (l) “**Extra High Tension (EHT)**” means a voltage exceeding 33000 Volts;
- (m) “**Grievance Redressal Forum regulations**” means the JSERC (Guidelines for Establishment of Forum for Redressal of Grievances of the Consumers and Electricity Ombudsman) Regulations, 2011
- (n) “**High Tension (HT)**” means a voltage level between 650 Volts and 33000 Volts;
- (o) “**Licence**” means a licence granted under Section 14 of the Act;

- (p) “**licensee**” or “**distribution licensee**” means a person granted a license under Section 14 of the Act authorising him to operate and maintain a distribution system for supplying electricity to the consumers in his area of supply;
- (q) “**Low Tension (LT)**” means a voltage that does not exceed 250 volts between phase and neutral or 440 volts between any two phases;
- (r) “**normal fuse off**” means fuse blown off because of overloading or ageing
- (s) “**rural areas**” means the areas covered by Gram Panchayats;
- (t) “**sanctioned load**” means the load in kW, kVA or BHP, which the licensee has agreed to supply from time to time subject to the governing terms and conditions in the absence of an Agreement between the Distribution licensee and the consumer;
- (u) “**urban areas**” means the areas covered by all Municipal Corporations and other Municipalities including the areas falling under the various Urban Development Authorities, Cantonment Authorities and industrial estates or townships, excluding the areas covered under Class-I Cities;

A3: Legal Provisions

- 3.1 The Commission, in pursuance of section 57, read with clause (i) of sub-section (1) of section 86 of the Act, shall specify the standards of performance of the distribution licensees, intending to serve as guidelines for them to operate their distribution system for providing quality and reliability of resources.
- 3.2 If a licensee fails to meet the standards specified under sub-section (1) of section 57 of the Act, without prejudice to any penalty, which may be imposed, or prosecution be initiated, he shall be liable to pay to a person affected such compensation as may be determined under sub section (2) of section 57 by the Commission:

Provided that before determination of compensation, the concerned licensee shall be given reasonable opportunity of being heard.
- 3.3 The Commission may, in exercise of the powers vested in it under section 58 of the Act, specify different standards under sub-section (1) of section 57 of the Act for a class or classes of the licensees.
- 3.4 Every licensee shall, within the period specified, under sub-section 59 of the Act, by the Commission, furnish to the Commission the following information, namely:

- (a) the level of performance achieved under sub-section (1) of section 57 of the Act;
 - (b) the number of cases in which compensation was made under sub-section (2) of section 57 of the Act and the aggregate amount of the compensation.
- 3.5 The Commission shall at least once in every year arrange for publication, in such form and manner, as it considers appropriate, of such of information furnished to it under section 6.5.
- 3.6 The Commission may, in exercise of the powers vested in it under section 142 of the Act, resort to penal action against the officials of the licensee's responsible for non fulfilment of the standards of performance, in cases where licensee is able to identify such officers.

A4: Standards of Performance

- 4.1 The standards specified in Schedule-I shall be the Guaranteed Standards of Performance, being the minimum standards of service that a licensee shall maintain.
- 4.2 The Standards specified in the Schedule-III shall be the Overall Standards of Performance, which the licensee shall achieve within prescribed time frame in the discharge of his obligations as a licensee.
- 4.3 The failure of licensee to achieve the guaranteed standards of service shall entail payment of compensation to the consumer as per Schedule-II.

A5: Compensation

5.1 Penalty for not meeting Guaranteed and Overall Standards

- 5.1.1 The licensee shall be liable to pay to the affected consumer(s) the compensation specified in Schedule-II if the licensee fails to meet the Guaranteed Standards of Performance specified in Schedule-I. The compensation amount shall be paid by the Licensee in the manner specified in Schedule-II.
- 5.1.2 The licensee concerned shall pay the compensation referred to under sub-clause (1) above within ninety (90) days of violation of a Guaranteed Standard of Performance.

Provided that the consumer shall not be entitled to any compensation under these regulations if he has any arrears/dues payable to the licensee or has load/demand more than the sanctioned or contract load/demand or complaint has been lodged against him for unauthorized use or consumption of electricity under section 135 of the Act or he has no capacitor of required capacity installed in his premises as applicable.

- 5.1.3 In all cases of compensation, the payment of compensation shall be made either through cheque, or by adjustment against current/future bills for supply of electricity, as indicated by the compensation-receiver, within 90 days from the date of the affected party(ies) becoming liable for compensation from the licensee.
- 5.1.4 The liability of compensation under clause 5.1.1 shall be applicable with immediate effect.
- 5.1.5 As the overall standards of performance specified in the schedule III of these Regulations do not involve any payment of compensation to the consumers for the present, the Distribution Licensees shall be liable to reduce their allowable efficient revenue requirement for fixation of Tariff for failure, if any, to meet the overall standards for performance.
- 5.1.6 The licensee shall maintain consumer-wise records regarding the guaranteed standards of performance in order to give a fair treatment to all consumers and avoid any dispute regarding violation of standards.
- 5.1.7 In case of consumers, where the level of services defined in the contractual agreement between the licensee and the consumer is different from other consumers in the same category, deficiency in service may invite additional compensation commensurate to the additional tariff charged for providing such services.
- 5.1.8 The compensation paid by licensee under clause 5.1.1 for the respective parameter may be allowed to be recovered partly or fully in the revenue requirement of licensee, keeping in view the extent to which the licensee is able to achieve the overall standards of performance, as measured through Auditing results detailed further in this section.

5.2 Audit procedure

Content of audit report

5.2.1 The audit report shall address the following specific matters:

- (a) Adherence to procedures and formats as per regulations;
- (b) Assessing staff engaged in call centres/complaint handling centres/customer care centres for their understanding of complaint handling procedures, quality parameters, and training adequacy for their task;
- (c) Method of data collection and management procedures; and
- (d) Review of relevant records (as per appropriate sampling procedures) for reliability and accuracy across quality parameters;

5.2.2 The Commission may authorize the Commission staff or any independent agency(ies) to conduct annual checks, in order to monitor the compliance of the standards by licensees and submit audit report to the Commission.

5.2.3 The following procedure shall be adopted for engaging agency(ies):

- (a) audit scope and the methodology for carrying out the audit to be set by the Commission;
- (b) the Commission will identify and publish panel of approved agency(ies);
- (c) the licensee shall nominate an agency from the notified panel of agencies;
- (d) the licensee shall not engage an agency consecutively for more than two years. They shall also not engage an agency which is currently their statutory auditor or internal auditor or has been engaged as a consultant;
- (e) audit shall be conducted under an agreement between the nominated agency and licensee; and
- (f) remuneration of the audit agency will be paid by the licensee.

Auditing methodology

5.2.4 Grading of the audit report on performance standard submitted by the licensee shall be done in two parts - reliability and accuracy of the data.

(a) Reliability grading

5.2.5 The grading system for reporting the reliability of performance standards shall be set as under:

Table 1: Reliability grading

Grade	Assessment of reliability
A	Based on proper records with adequate procedures
B	Data has significant procedural deviations
C	Unsatisfactory data

5.2.6 Only if reliability is of Grade A, further analysis will be carried out to measure claims on achievement.

(b) Accuracy grading

5.2.7 If the data submitted has reliability of Grade A, then further analysis of data will be carried out to assess accuracy of information provided.

5.2.8 Based on the accuracy grade assessment of the licensee's achievement on Overall Standards, certain percentage of compensation paid may be allowed in the ARR by the Commission, set as under:

Table 2: Accuracy grading

Accuracy Grade	Assessed accuracy level	Percentage of compensation paid to be recovered through Annual Revenue Requirement
1	+/- 2%	%
2	+/- 5%	85%
3	+/- 10%	70%

A6: Information on Achievement of Standards of Performance

- 6.1 For Guaranteed Standards, each Licensee shall furnish to the Commission, in a quarterly report and in a consolidated annual report, the following information:
- (a) The levels of performance achieved by the Licensees with reference to those specified in Schedule-I to these regulations;
 - (b) The number of cases in which compensation was paid under Clause 5.1.1 above of these Regulations, and the aggregate amount of compensation payable and/or paid by the licensee. This information will be provided category wise for each category of IUC and RIAC Consumers as well as area-wise.
 - (c) The measures taken by the licensee to improve performance in the areas covered by Guaranteed Standards.
- 6.2 For Overall Standards, each Licensee shall furnish to the Commission, in a half yearly report and in a consolidated annual report, the following information:
- (a) The level of performance achieved with reference to those specified in Schedule-III to these regulations. This information will be provided category wise for each category of IUC and RIAC consumers, as well as area wise.
 - (b) The measures taken by the licensee to improve performance in the areas covered by Overall Standards.
- 6.3 The Commission shall, at such intervals as it may deem fit and not inconsistent with the provisions of the Act, arrange for the publication of the information furnished by licensees under these Regulations.

- 6.4 The Licensee shall within one year of the publication of these Regulations maintain a website in which following details shall be provided for public information. This shall include but not be limited to:
- (a) Licensee's Standards of Performance;
 - (b) Metering specification;
 - (c) Billing and payments system (Facility for online payment shall be made available to consumers);
 - (d) Consumer complaints and redressal system;
 - (e) Information provided to the Commission regarding Standards of Performance maintained;
 - (f) Billing data base of consumers;
 - (g) Tariff;
 - (h) Supply Code;
 - (i) Safety precautions and contact number of licensee offices;
 - (j) Details of accidents both minor and major.

A7: Complaint Handling Mechanism

7.1 Manual of practice for handling consumer complaints

- 7.1.1 The licensee shall publish a “Manual of practice for handling customer complaints” containing the following information within three (3) months from the date of commencement of these regulations:
- (a) channels of complaint registration – details of personnel, offices and call centre(s);
 - (b) process of handling complaints;
 - (c) duties and obligations of licensee viz. guaranteed standards of performance and compensation details; and
 - (d) any other information which may be affecting the consumers.

7.1.2 The manual shall be prepared in English and Hindi.

7.1.3 A copy of the manual certified by licensee as “true copy” thereof shall be filed with the Commission within three months from the date of commencement of these regulations. The manual shall also be available for reference of

consumers at every office of the licensee and shall be downloadable from its website.

- 7.1.4 Notwithstanding the procedures / channels of complaint registration specified in the manual, consumers shall be entitled to approach the Grievance Redressal Forum directly in accordance with the applicable regulations of the Commission, in case of any complaint against the licensee.

7.2 Process of handling complaints

- 7.2.1 The licensee shall devise its own processes at complaint handling centres/ call centre(s)/customer care centre(s)/ service centre(s) or any other customer interface channels to handle consumer complaints. The processes should include the following:

- (a) registration of complaints by allotting a unique identification number to be called the complaint number;
- (b) communication to consumer of the complaint number, date/ time of registration of the complaint and expected complaint resolution time to the consumer;
- (c) record details of each complaint (As per Annexure III of these Regulations);
- (d) direct contact details of the next higher authority (including his name, telephone number and address) to the consumer in case the consumer is not satisfied with the complaint handling or when requested by him; and
- (e) update and record feedback of the consumer on the action taken along with the total time taken for resolution of the complaint.

7.3 Establishment of call centre(s)

- 7.3.1 The licensee shall within the following time limits, from the date of commencement of these regulations, establish call centre(s) for redressal of complaints of its consumers, and, such call centre(s) shall be accessible to its consumers round the clock during all days of the week:

- (a) for Class-I Cities within 12 months;
- (b) for Urban Areas within 24 months; and
- (c) for Rural Areas within appropriate time period to be specified by Commission on a case to case basis.

- 7.3.2 The licensee shall use the existing channels for recording the customer complaints as per the procedure defined in clause 7.2.1 till the establishment of call centre(s).

- 7.3.3 Every licensee shall employ or engage sufficient number of officers or employees at its Call centre(s) and earmark or allot or establish a basic telephone or cellular mobile telephone number having sufficient lines or connections to be called as the “toll free number” or “consumer care number” or “help line number” as the case may be, at its call centre(s).
- 7.3.4 No call charges or short message service charges shall be levied upon, or payable by its consumers, for calls made, or, short message service sent, to the “toll free number” or “consumer care number” or “help line number”, as the case may be.
- 7.3.5 Every licensee shall, immediately upon establishment of its Call centre(s), inform through a public notice in newspapers in circulation in the Area of Supply and should also ensure proper circulation of information to the consumers in case of any changes in the contact numbers.
- 7.3.6 The licensee should ensure availability of electronic data base to record complaints as per the procedure defined in the clause 7.2.1 for the call centre(s). This data bank should also be linked with the consumer billing database.

7.4 Creating awareness

- 7.4.1 The licensee shall ensure that the following steps are undertaken for creating proper awareness among consumers and licensee staff:
- “Manual of practice for handling customer complaints” shall be available for reference of consumers at every office of licensee and downloadable from its website; and
 - Licensee should publish the guaranteed standards of performance along with compensation structure, information on procedure for filing of complaints, in the bills for month of January and July. If it is not possible to publish the same at the back of the bills, licensee shall publish it on a separate hand out and distribute it along with the bills.

A8: Inclusions and Exemptions

- 7.1 A power interruption shall include any outage in the distribution system, extending from the distribution substation to the consumer meter, which may be due to the tripping action of protective devices during faults or the failure of distribution lines and/or transformers, and which results in the loss of power supply to one or more consumers.
- 7.2 The standards of performance specified in these regulations shall remain suspended for a period as approved by Commission on case to case basis during Force Majeure conditions affecting the licensee's installations and activities such as war, mutiny, civil commotion, riot, flood, cyclone, earthquake, general strike / lockout, fire or any other event approved by the

Commission as a Force Majeure event after due notice and hearing. All Force Majeure events should be reported to the Commission within 15 days from the date on which such condition occurred.

- 7.3 Non compliance of standards contained in this regulation shall not be treated as a violation of this regulation and the licensee shall not be required to pay any compensation to affected consumers, if such violation is caused due to grid failure or deficiency, any fault on the part of Transmission Licensee's network or on account of instructions given by the National Load Despatch Centre / Regional Load Despatch Centre/ State Load Despatch Centre, on which the distribution licensee has no reasonable control.
- 7.4 The Commission may, by a general or special order issued for the purpose and after hearing the Licensee and the affected consumer, absolve the licensee from the liability to compensate the consumers for any default in the performance of any standard if the Commission is satisfied that such default is for reasons other than those attributable to the distribution licensee and further that the licensee has otherwise made efforts to fulfil his obligations.

A9: General Provisions

9.1 Issue of orders and practice directions

- 8.1.1 Subject to the provisions of the Electricity Act, 2003 and these regulations, the Commission may, from time to time, issue orders and practice directions in regard to the implementation of the regulations and procedure to be followed and various matters, which the Commission has been empowered by these regulations to specify or direct.
- 8.1.2 In particular, the Commission may authorize the Commission staff or any independent agency to conduct periodical checks to monitor the compliance of the standards under these regulations by the licensee.

9.2 Power of relaxation and Power to remove difficulties

- 9.2.1 The Commission may, in public interest and for reasons to be recorded in writing, relax any of the provisions of these Regulations.
- 9.2.2 If any difficulty arises in giving effect to any of the provisions of these regulations, the Commission may, by general or special order, do or undertake or direct the licensees to do or undertake things, which in the opinion of the Commission are necessary or expedient for the purpose of removing the difficulties.

9.3 Power to amend

- 9.3.1 The Commission may at any time, vary, alter, modify or amend any provisions of the regulations.

9.4 Repeal and Savings

- 9.4.1 Save as otherwise provided in these Regulations, the earlier Regulations namely “Jharkhand State Electricity Regulatory Commission (Distribution Licensees’ Standards of Performance) Regulations, 2005” read with all amendments thereto, as applicable to the subject matter of these Regulations are hereby repealed.
- 9.4.2 Notwithstanding such repeal, anything done or action taken or purported to have been taken, or proceedings initiated under such repealed Regulations, shall be deemed to have been taken under these Regulations to the extent that same were not inconsistent with the Act.
- 9.4.3 Nothing in these regulations shall affect the rights and privileges of the consumers under any other law including the Consumer Protection Act, 1986.

Schedule - I: Guaranteed Standards of Performance

1. Operation of call centre(s)

- (1) **First response against a consumer call:** The response time for the consumer call shall be 3 minutes and any delay in the response time beyond standard time allowed shall be subject to compensation as per Schedule-II of these regulations.
- (2) **Registration of consumer call and issue of complaint number:** The registration of consumer call after the first response shall be completed in 5 minutes and any delay beyond standard time allowed shall be subject to compensation as per Schedule-II of these regulations.

2. Restoration of Power Supply

- (1) **Normal Fuse-off:** The licensee shall restore power supply in the case of normal fuse-off calls within 3 hours of receiving the complaint in Class-I Cities, within 4 hours of receiving the complaint in Urban areas and within 24 hours of receiving the complaint in Rural areas.

In cases where fuses have not been used and instead circuit breakers have been used, the Licensee shall arrange to reset and recharge the circuit breakers and restore supply within the above stipulated time.

- (2) **Overhead Line/Cable Breakdowns:** In case of overhead line/cable breakdowns, the licensee shall ensure restoration of power supply within 4 hours of occurrence of breakdown in Class-I cities, within 6 hours in Urban areas and within 36 hours in Rural areas.
- (3) **Underground Line/Cable Breakdowns:** In case of underground line/cable breakdowns, the licensee shall ensure restoration of power supply within 12 hours of occurrence of breakdown in Class-I cities, within 24 hours in Urban areas and within 48 hours in Rural areas.
- (4) **Distribution Transformer failure:** The licensee shall restore supply in the case of such distribution transformer failures by replacement of transformer within 24 hours of receiving the complaint in Class-I cities, within 36 hours in Urban areas and within 48 hours in Rural areas.
- (5) **HT to HT Transformer failure:** The licensee shall restore supply in case of such transformer failures by replacement of transformer within 10 days of receiving the complaint from the consumers.
- (6) **Period of scheduled outages:** Interruption in power supply due to scheduled outages, other than load-shedding, shall be notified by public announcement including newspaper publication mentioning start time and duration of outage by the licensee at least 24 hours in advance. Scheduled Outage shall not exceed 12 hours in a day. In each such event, the licensee shall ensure that the supply is restored by 6:00 PM. Total number of scheduled outages for any 11 kV feeder shall not exceed 4 in a year.

3. Quality of Power Supply

- (1) **Voltage Variations:** (i) The licensee shall maintain the voltages at the point of commencement of supply to the consumer within the limits stipulated hereunder, with reference to declared voltage:
 - (a) In the case of Low Voltage, +6% and - 6%

- (b) In the case of High Voltage, +6% and -9%;
- (c) In the case of Extra High Voltage, +10% and -12.5%.
- (ii) Voltage hunting is not permitted.
- (iii) On receipt of a voltage variation complaint, the licensee shall verify if the voltage is varying outside the limits specified in sub-paragraph (i) above and if confirmed, the licensee shall:
 - (a) Rectify the voltage variations to bring within said limit, within 2 days of original complaint provided the fault is identified to a local problem on the transformer;
 - (b) Rectify the voltage variations to bring within said limit within 10 days of original complaint if no extension/up gradation of network is involved;
 - (c) Rectify the voltage variation to bring it within said limit within 120 days, if upgradation of distribution system is required.

Provided that where a power substation (33/11 kV) is required to be erected to resolve the complaint, the licensee shall within one month of receipt of such complaint submit a proposal for erection of power sub-station together with target date of completion and Commissioning of such sub-stations and get the same approved by the Commission.

(2) Harmonics: (i) The licensee shall maintain the limits of harmonics as per the stages prescribed hereunder:

- Stage-1: The cumulative Total Voltage Harmonic Distortion (THDv) at the Point of Commencement of Supply for each consumer connected at 132kV and above shall be limited to 3%.
- Stage-2: The cumulative Total Voltage Harmonic Distortion (THDv) at the Point of Commencement of Supply for each consumer connected at 33kV shall be limited to 8%.
- Stage-3: The cumulative Total Voltage Harmonic Distortion (THDv) at the Point of Commencement of Supply for each consumer connected at 11kV shall be limited to 8%.
- (ii) Stage-1 shall be effective on the expiry of one year from the date of publication of these regulations. The Commission will notify the Compensation amounts for defaults on this standard on commencement of stage I.
- (iii) The Commission will specify the effective dates for Stage-2 and Stage-3 after consultation with the licensees and consumers.
- (iv) The licensee may measure/monitor the level of harmonics generation of any consumer and may ask the consumer to comply with the specified standards. In the event of non compliance, the licensee may disconnect the supply with a prior one month notice.

(3) **Meters:** (i) It shall be duty of the licensee to maintain the meters fixed in consumers premises for electricity supply in operating and correct condition as per the specification prescribed in the Indian Electricity Rules 1956 till the specifications are prescribed by the Authority after which the same shall be applicable. The licensee shall carry out periodical testing and calibration of meters as per the following schedule:

- (a) Single phase LT meters: At least once every five (5) years
 - (b) Three phase LT meters: At least once every (3) years
 - (c) EHT/HT meters including MDI: At least once every year
- (ii) Wherever applicable, CT and PT shall also be tested along with meters.
- (iii) In case of complaint by the consumer regarding defective meter, the licensee shall inspect and check correctness of meters within the time frame as provided in the Electricity Supply Code.
- (iv) If the meter is found defective, not working burnt, stopped, or not recording accurately the licensee shall replace the meter within the time frame as provided in the Electricity Supply Code.

4. Applications for New Connections / Temporary Connections / Load Enhancement or Reduction

The application for new electricity supply service connection (permanent or temporary) or enhancement/ reduction in load shall be disposed of within the time frame as provided in the Electricity Supply Code.

5. Transfer of ownership and conversion of service

The application for new Electricity supply service connection/additional load shall be disposed of within the time frame as provided in the Electricity Supply Code.

6. Complaints about consumer's bills

- (1) The licensee shall maintain billing system both by physical system and by Web based system i.e. a consumer can pay his bills either through the internet or physically. Details of bills of all consumers shall be maintained on the web and a consumer can get details of his payment status by logging on to the specific web site and asking payment details after entering a Customer Identification Number (CIN). However, since web-based system is not in place at present, the date for making effective internet based billing and payment shall be decided in consultation with the licensee, which will be notified separately.
- (2) The licensee shall acknowledge the consumer's billing complaint on the spot, if received in person or by e-mail and within 2 days, if received by post, stating therein clearly the serial no. and date of complaint. The licensee shall redress/attend to the complaint regarding electricity bills within the time limits specified in the Electricity Supply Code. Redressal or attending to the compliant means that either the complainant (consumer) receives corrected bills or a written intimation that the bills issued are correct and do not need correction stating the reason for the same.

7. Reconnection of supply following disconnection

The application for new Electricity supply service connection/additional load shall be disposed of within the time frame as provided in the Electricity Supply Code.

Schedule - II: Level of Compensation for Default in Each Case of Guaranteed Standards of Performance

Parameter / Service area	Standard	Compensation payable to affected consumer	Manner of payment
1. Operation of Call Centres			
(a) First response against a consumer call			
Class-I Cities	3 minutes	Rs 50 in each case of default	To be Claimed
Urban areas	3 minutes	Rs 50 in each case of default	To be Claimed
Rural areas	3 minutes	Rs 50 in each case of default	To be Claimed
(b) Registration of consumer call and issue of complaint number			
Class-I Cities	5 minutes	Rs 50 in each case of default	To be Claimed
Urban areas	5 minutes	Rs 50 in each case of default	To be Claimed
Rural areas	5 minutes	Rs 50 in each case of default	To be Claimed
2. Restoration of Power Supply			
(a) Normal Fuse Off			
Class-I Cities	Within 3 hours of receiving the complaint	Rs. 25 for each day (24 hours) of default	To be Claimed
Urban areas	Within 4 hours of receiving the complaint	Rs. 25 for each day (24 hours) of default	To be Claimed
Rural areas	Within 24 hours of receiving the complaint	Rs. 25 for each day (24 hours) of default	To be Claimed
(b) Overhead Line/Cable Breakdowns			
Class-I Cities	Within 4 hours of occurrence of breakdown	Rs. 25 to each affected consumer for each case of default.	To be Claimed
Urban areas	Within 6 hours of occurrence of breakdown	Rs. 25 to each affected consumer for each case of default.	To be Claimed
Rural areas	Within 36 hours of occurrence of breakdown	Rs. 25 to each affected consumer for each case of default.	To be Claimed
(c) Underground Line/Cable Breakdowns			
Class-I Cities	Within 12 hours of occurrence of breakdown	Rs. 25 to each affected consumer for each case of default.	To be Claimed
Urban areas	Within 12 hours of occurrence of breakdown	Rs. 25 to each affected consumer for each case of default.	To be Claimed
Rural areas	Within 48 hours of occurrence of	Rs. 25 to each affected consumer for each case of	To be Claimed

Parameter / Service area	Standard	Compensation payable to affected consumer	Manner of payment
	breakdown	default.	

(d) Distribution Transformer failure

Class-I Cities	Within 24 hours of receiving the complaint	Rs. 25 to each affected consumer for each case of default.	To be Claimed
Urban areas	Within 24 hours of receiving the complaint	Rs. 25 to each affected consumer for each case of default.	To be Claimed
Rural areas	Within 48 hours of receiving the complaint	Rs. 25 to each affected consumer for each case of default.	To be Claimed

(e) HT to HT Transformer failure

Class-I Cities	Within 10 days of receiving the complaint	Rs. 25 to each affected consumer for each case of default.	To be Claimed
Urban areas	Within 10 days of receiving the complaint	Rs. 25 to each affected consumer for each case of default.	To be Claimed
Rural areas	Within 10 days of receiving the complaint	Rs. 25 to each affected consumer for each case of default.	To be Claimed

(f) Period of scheduled outages (Maximum duration in a single stretch)

Class-I Cities	Not to exceed 12 hours in a day	Rs. 25 to each affected consumer for each case of default.	To be Claimed
Urban areas	Not to exceed 12 hours in a day	Rs. 25 to each affected consumer for each case of default.	To be Claimed
Rural areas	Not to exceed 12 hours in a day	Rs. 25 to each affected consumer for each case of default.	To be Claimed

3. Quality of Power Supply**(a) Rectification of Voltage Variations (Applicable to all areas)**

If no extension/up-gradation of network is involved	Within 10 days	Rs. 100 in each case of default	To be Claimed
If up-gradation of distribution system is required	Within 120 days	Rs. 100 in each case of default	To be Claimed
If erection of substation is required	As decided by the Commission	Rs 250 for each day of default	To be Claimed

(b) Harmonics (Cumulative Total Voltage Harmonic Distortion)

EHT connections (132 kV and above)	Not more than 3% at point of commencement of supply	0.1% of average monthly bill for previous three months subject to	To be Claimed
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Parameter / Service area	Standard	Compensation payable to affected consumer	Manner of payment
		minimum Rs. 100/- and maximum Rs. 500/-	
HT connections (33 kV & 11 kV)	Not more than 8% at point of commencement of supply	0.1% of average monthly bill for previous three months subject to minimum Rs. 100/- and maximum Rs. 500/-	To be Claimed

(c) Meter Complaints**(i) Inspect and check correctness of meters**

Class-I Cities	Within time frame as provided in the Electricity Supply Code	Rs. 50 in each case of default	To be Claimed
Urban areas	Within time frame as provided in the Electricity Supply Code	Rs. 50 in each case of default	To be Claimed
Rural areas	Within time frame as provided in the Electricity Supply Code	Rs. 50 in each case of default	To be Claimed

(ii) Replace defective/non working meters

Class-I Cities	Within time frame as provided in the Electricity Supply Code	Rs. 50 in each case of default	To be Claimed
Urban areas	Within time frame as provided in the Electricity Supply Code	Rs. 50 in each case of default	To be Claimed
Rural areas	Within time frame as provided in the Electricity Supply Code	Rs. 50 in each case of default	To be Claimed

4. Application for New Connections/Additional Load

Release of supply – Low Tension	Within time frame as provided in the Electricity Supply Code	Rs. 50 for each day of default	To be Claimed
Release of supply – High Tension 11 kV supply	Within time frame as provided in the Electricity Supply Code	Rs. 100 for each day of default	To be Claimed
Release of supply – High Tension 33 kV supply	Within time frame as provided in the Electricity Supply Code	Rs. 200 for each day of default	To be Claimed
Release of supply – Extra High Tension services	Within time frame as provided in the Electricity Supply Code	Rs. 500 for each day of default	To be Claimed
Release of temporary connection	Within time frame as provided in the Electricity Supply Code	Rs. 100 for each day of default	To be Claimed
Enhancement / Reduction of load	Within time frame as provided in the	Rs. 100 for each day of default	To be Claimed

Parameter / Service area	Standard	Compensation payable to affected consumer	Manner of payment
	Electricity Supply Code		
5. Transfer of ownership and conversion of service			
Transfer of ownership / Change in name	Within time frame as provided in the Electricity Supply Code	Rs. 50 for each month of default	To be Claimed
Change of category	Within time frame as provided in the Electricity Supply Code	Rs. 50 for each month of default	To be Claimed
Conversion from LT 1-phase to LT 3-phase or vice versa	Within time frame as provided in the Electricity Supply Code	Rs. 50 for each month of default	To be Claimed
Conversion from LT to HT and vice-versa	Within time frame as provided in the Electricity Supply Code	Rs. 50 for each month of default	To be Claimed
6. Resolution of complaints on consumer's bills			
If no additional information is required to be collected	Within time frame as provided in the Electricity Supply Code	Rs. 10 for each day (24 hrs) of default	To be Claimed
If additional information is required	Within time frame as provided in the Electricity Supply Code	Rs. 10 for each day (24 hrs) of default	To be Claimed
7. Reconnection of supply following disconnection			
Class-I Cities	Within time frame as provided in the Electricity Supply Code	Rs. 25 for each day (24 hrs) of default	To be Claimed
Urban areas	Within time frame as provided in the Electricity Supply Code	Rs. 25 for each day (24 hrs) of default	To be Claimed
Rural areas	Within time frame as provided in the Electricity Supply Code	Rs. 25 for each day (24 hrs) of default	To be Claimed

Manner of payment of compensation amount:

1. The Distribution Licensee shall register every complaint of a consumer regarding failure of power supply, quality of power supply, meters and payment of bills etc. and intimate the complaint number to the consumer.
2. The Distribution Licensee shall maintain all records regarding the guaranteed standards of performance in a consumer-wise manner in order to give a fair treatment to all consumers and avoid any dispute regarding violation of standard.
3. All payments of compensation shall be made by way of adjustment against current, and/or future bills for supply of electricity but not later than 90 days from the date of violation of guaranteed standards.

4. All compensation is required to be claimed by the consumer. This requires the consumer to bring to the notice of the Licensee that the standard has been violated and accordingly claim the compensation amount from the Licensee. Customer shall be issued a receipt of complaint and a unique complaint number for reference. No claim shall be entertained if complaint is lodged after 15 days of the occurrence of violation of guaranteed standards.

Schedule - III: Overall Standards of Performance

- 1. Operation of call centres:** The licensee shall maintain the time for first response and registration of consumer complaints within the time limits prescribed in Schedule-I to total consumer calls received by the call centre, in at least 99% of the cases.
- 2. Normal fuse-off calls:** The licensee shall maintain the percentage of fuse-off calls rectified within the time limits prescribed in Schedule-I to total calls received, at a value not less than 99%.
- 3. Line breakdowns:** In case of line breakdowns, the licensee shall ensure restoration of power supply within the time limits as prescribed in Schedule-I, in at least 95% of the cases.
- 4. Distribution Transformer failures:** The licensee shall maintain the percentage of distribution transformers replaced within the time limits prescribed in Schedule-I to the total distribution transformers failed, at a value not less than 95%.
- 5. Period of scheduled outages:** The licensee shall achieve the standards of performance as specified in Schedule-I in at least 95% of the cases.
- 6. Voltage variations:** The licensee shall rectify voltage variations within the time limits prescribed in Schedule-I in at least 95% of the cases.
- 7. Shifting of meters/service lines:** The licensee shall achieve the standards of performance as specified in Schedule-I in at least 95% of the cases.
- 8. New connection/Temporary connection/Change in load:** The licensee shall achieve the standards of performance as specified in Schedule-I in at least 95% of the cases.
- 9. Transfer of ownership and change of category:** The licensee shall achieve the standards of performance as specified in Schedule-I in at least 95% of the cases.
- 10. Temporary supply of power:** The licensee shall achieve the standards of performance as specified in Schedule-I in at least 95% of the cases.
- 11. Disconnection of supply:** The licensee shall achieve the standards of performance as specified in Schedule-I in at least 95% of the cases.
- 12. Faulty meters:** The licensee shall maintain the percentage of defective meters to the total number of meters in service, at a value not greater than 3%.
- 13. Billing mistakes:** The licensee shall maintain the percentage of bills requiring modifications following complaints to the total number of bills issued, at a value not greater than 0.1%.
- 14. Street Light faults:** The licensee shall rectify faults on streetlights within 24 working hours of detection or receipt of complaint, whichever is earlier, and shall achieve this standard of performance in at least 95% of the cases.

15. Load shedding: In case of shortage of power, the licensee shall submit the load shedding plan to the Commission and get it approved. The licensee shall publish the same in newspapers at least 48 hours in advance.

16. Reliability Indices

The Commission shall impose a uniform system of recording and reporting the distribution system reliability performance through reliability indices. These indices shall be imposed on all licensees. The performance target levels set by the Commission shall be unique to each licensee to be based initially on the historical performance of licensee.

The following reliability indices are prescribed by the Institute of Electrical and Electronics Engineers (IEEE) Standard 1366 of 1998:

- (a) System Average Interruption Frequency Index (SAIFI): The licensee shall calculate the value of this index as per the formula and methodology specified in sub-section 16.1.
- (b) System Average Interruption Duration Index (SAIDI): The licensee shall calculate the value of this index as per the formula and methodology specified in sub-section 16.1.
- (c) Momentary Average Interruption Frequency Index (MAIFI): The licensee shall calculate the value of this index as per the formula and methodology specified in sub-section 16.1.

The licensee shall compute these distribution reliability indices separately for Class-I Cities, Urban Areas, Rural Areas and agricultural feeders, and the value of the indices must be reported separately to the Commission for each month. Based on the information submitted by licensees, the Commission would notify the target levels for the reliability indices for the next financial year. Licensees shall be evaluated annually to compare actual performance with the targets.

16.1 Method of computing reliability indices

The Indices shall be computed for licensee as a whole by stacking, for each month all the 11 kV feeders in the supply area, excluding those serving predominantly agricultural loads, and then aggregating the number and duration of all interruptions in that month for each feeder. The Indices would then be computed for each voltage level and overall, using the following formulae:

$$(a) SAIFI = \sum_{i=1}^n (A_i \times N_i) / N_t$$

$$(b) SAIDI = \sum_{i=1}^n (B_i \times N_i) / N_t$$

$$(c) MAIFI = \sum_{i=1}^n (C_i \times N_i) / N_t$$

Where,

A_i = Total number of sustained interruptions (each longer than 5 minutes) on i^{th} feeder for the month

B_i = Total duration of all sustained interruptions (each longer than 5 minutes) on i^{th} feeder for the month

C_i = Total number of momentary interruptions (each less than or equal to 5 minutes) on i^{th} feeder for the month

N_i = Connected load of i^{th} feeder affected due to each interruption

N_t = Total connected load at 11kV in licensee's supply area

n = Number of 11 kV feeders in licensee's supply area (excluding agricultural feeders)

Annexure - I (Reporting formats for Guaranteed Standards)

The following format shall be used by licensee for reporting the performance levels for guaranteed standards on a **quarterly** basis to the Commission:

Guaranteed standard Refere nce No.	Guaranteed standard parameter	Previo us quarte r pendin g complai nts (No.)	Complai nts received in the quarter (No.)	Total compl aints (No.)	No. of complaints redressed in the quarter (No.)				Pending complai nts (No.)
					Within OS standa rds	Within GS stipula ted time	More than the stipul ated time	Total complain ts redressed	
	additional load where erection of substation required to extend supply								
	Release of temporary connection								
	Change in load								
	Transfer of ownership								
	Change of category								
	Billing complaint								
	Disconnection of supply	Class-I Cities							
		Urban							
		Rural							
		Urban							
		Rural							
	Reconnection of supply after disconnection due to non-payment of bills	Class-I Cities							
		Urban							
		Rural							

With respect to operation of call centres, the following format shall be used by licensee for reporting the quarterly performance:

S. No.	Guaranteed standard parameter	Response to the calls (No.)	
		Within stipulated time	More than stipulated time
	First response against consumer call		
	Registration of Consumer Call and issue of docket number		

Quarterly information regarding compensation shall be submitted by licensees to the Commission in the following format for individual complaints where compensation has been paid:

Annexure - II (Reporting formats for Overall Standards)

Licensee shall furnish information with respect to Overall Standards of Performance **every quarter** to the Commission in the following format:

Overall standards reference no.	Overall standard parameter	Number of complaints pending at the start of the quarter (A)	Total No. of complaints filed by the consumers in this quarter (B)	Total No. of complaints C= (A+B)	Total No. of complaints redressed within the stipulated time for Overall standards	Number of complaints pending at the end of the quarter
	Normal fuse off	Class-I Cities				
		Rural				
		Urban				
	Overhead Line/Cable Breakdowns	Class-I Cities				
		Rural				
		Urban				
	Underground Cable Breakdowns	Class-I Cities				
		Rural				
		Urban				
	Distribution Transformer Failures	Class-I Cities				
		Rural				
		Urban				
	Reconnection of supply following disconnection due to non-payment of bills	Class-I Cities				
		Rural				
		Urban				
	Period of scheduled outages					
	Shifting of meters/ service lines					
	New connection/ additional load					
	Transfer of ownership and change of category					
	Temporary supply of power					
	Disconnection of supply					

Overall standards reference no.	Overall standard parameter	Number of complaints pending at the start of the quarter (A)	Total No. of complaints filed by the consumers in this quarter (B)	Total No. of complaints C= (A+B)	Total No. of complaints redressed within the stipulated time for Overall standards	Total No. of complaints pending at the end of the quarter
	Billing mistakes					
	Street light faults					

Quarterly information regarding faulty meters shall be submitted by licensee in the following format:

Overall Standards reference no.	No. of faulty meters at the start of the quarter	No. of faulty meters added during the quarter	Total no. of faulty meters	No. of meters rectified/replaced	No. of faulty meters pending at the end of the quarter

The performa for submission of **quarterly** report on reliability indices shall be as follows:

S. No.	Month	$N_i = \text{Connected load of } i^{\text{th}} \text{ feeder affected for each interruption}$	$A_i = \text{Total number of sustained interruptions (each longer than 5 minutes) on } i^{\text{th}} \text{ feeder for the month}$	$N_t = \text{Total connected load at 11kV in licensees area of supply}$ (1)	$= \sum(A_i * N_i)$ for all 11kV feeders excluding agriculture feeders (2)	$\text{SAIFI} = (2) / (1)$
	Total					

S. No.	Month	$N_i = \text{Connected load of } i^{\text{th}} \text{ feeder affected for each interruption}$	$B_i = \text{Total duration of sustained interruptions (each longer than 5 minutes) on } i^{\text{th}} \text{ feeder for the month}$	$N_t = \text{Total connected load at 11kV in licensees area of supply}$ (1)	$= \sum(B_i * N_i)$ for all 11kV feeders excluding agricultural feeders (2)	$\text{SAIDI} = (2) / (1)$
	Total					

S. No.	Month	$N_i = \text{Connected load of } i^{\text{th}} \text{ feeder affected for each interruption}$	$C_i = \text{Total number of momentary interruptions (each less than or equal to 5 minutes) on } i^{\text{th}} \text{ feeder for the month}$	$N_t = \text{Total connected load at 11kV in licensees area of supply}$ (1)	$= \sum(C_i * N_i) \text{ for all 11kV feeders excluding agricultural feeders}$ (2)	$\text{MAIFI} = (2) / (1)$
	Total					

Annexure - III: Complaint registration format

The format for registering a complaint in the complaint office is shown as under:

S. N o.	Time & Date of receivi ng compla int	Name, Address, Contact no. of complaina nt	Nature of complaint	Compl aint numbe r	Reference Guarantee d standard	Time & Date of redressal of complaint	Total time taken for complain t redressal (in Hours/ minutes)
1							
2							
3							

Annexure - I (Reporting formats for Guaranteed Standards)

The following format shall be used by licensee for reporting the performance levels for guaranteed standards on a **quarterly** basis to the Commission:

Guaranteed standard Reference No.	Guaranteed standard parameter	Previous quarter pending complaints (No.)	Complaints received in the quarter (No.)	Total complaints (No.)	No. of complaints redressed in the quarter (No.)			Pending complaints (No.)
					Within OS standards	Within GS stipulated time	More than the stipulated time	
	Normal fuse off	Class-I Cities						
		Urban						
		Rural						
	Overhead Line/Cable breakdown	Class-I Cities						
		Urban						
		Rural						
	Underground cable breakdown	Class-I Cities						
		Urban						
		Rural						
	LT to HT Distribution Transformer Failure	Class-I Cities						
		Urban						
		Rural						
	HT to HT Distribution Transformer Failure	Class-I Cities						
		Urban						
		Rural						
	Period of scheduled outages							
	Voltage fluctuations in							

Guaranteed standard Reference No.	Guaranteed standard parameter	Previous quarter pending complaints (No.)	Complaints received in the quarter (No.)	Total complaints (No.)	No. of complaints redressed in the quarter (No.)				Pending complaints (No.)
					Within OS standards	Within GS stipulated time	More than the stipulated time	Total complaints redressed	
	additional load where supply can be provided from existing network								
	New connection/ additional load where supply can be provided after extension/augmentation of network								
	New connection / additional load where erection of substation required to extend supply								
	Release of temporary connection								
	Change in load								
	Transfer of ownership								
	Change of category								
	Billing complaint								
	Disconnection of supply	Class-I Cities							
		Urban							

Guaranteed standard Reference No.	Guaranteed standard parameter	Previous quarter pending complaints (No.)	Complaints received in the quarter (No.)	Total complaints (No.)	No. of complaints redressed in the quarter (No.)				Pending complaints (No.)
					Within OS standards	Within GS stipulated time	More than the stipulated time	Total complaints redressed	
		Rural							
		Urban							
		Rural							
	Reconnection of supply after disconnection due to non-payment of bills	Class-I Cities							
		Urban							
		Rural							

With respect to operation of call centres, the following format shall be used by licensee for reporting the quarterly performance:

S. No.	Guaranteed standard parameter	Response to the calls (No.)	
		Within stipulated time	More than stipulated time
	First response against consumer call		
	Registration of Consumer Call and issue of docket number		

Quarterly information regarding compensation shall be submitted by licensees to the Commission in the following format for individual complaints where compensation has been paid:

Annexure - II (Reporting formats for Overall Standards)

Licensee shall furnish information with respect to Overall Standards of Performance **every quarter** to the Commission in the following format:

Overall standards reference no.	Overall standard parameter	Number of complaints pending at the start of the quarter (A)	Total No. of complaints filed by the consumers in this quarter (B)	Total No. of complaints C= (A+B)	Total No. of complaints redressed within the stipulated time for Overall standards	Number of complaints pending at the end of the quarter
	Normal fuse off	Class-I Cities				
		Rural				
		Urban				
	Overhead Line/Cable Breakdowns	Class-I Cities				
		Rural				
		Urban				
	Underground Cable Breakdowns	Class-I Cities				
		Rural				
		Urban				
	Distribution Transformer Failures	Class-I Cities				
		Rural				
		Urban				
	Reconnection of supply following disconnection due to non-payment of bills	Class-I Cities				
		Rural				
		Urban				
	Period of scheduled outages					
	Shifting of meters/					

Overall standards reference no.	Overall standard parameter	Number of complaints pending at the start of the quarter (A)	Total No. of complaints filed by the consumers in this quarter (B)	Total No. of complaints C= (A+B)	Total No. of complaints redressed within the stipulated time for Overall standards	Number of complaints pending at the end of the quarter
	service lines					
	New connection/ additional load					
	Transfer of ownership and change of category					
	Temporary supply of power					
	Disconnection of supply					
	Billing mistakes					
	Street light faults					

Quarterly information regarding faulty meters shall be submitted by licensee in the following format:

Overall Standards reference no.	No. of faulty meters at the start of the quarter	No. of faulty meters added during the quarter	Total no. of faulty meters	No. of meters rectified/ replaced	No. of faulty meters pending at the end of the quarter

The performa for submission of **quarterly** report on reliability indices shall be as follows:

S. No.	Month	$N_i = \text{Connected load of } i^{\text{th}} \text{ feeder affected for each interruption}$	$A_i = \text{Total number of sustained interruptions}$	$N_t = \text{Total connected load at 11kV in licensees area of}$	$= \Sigma(A_i * N_i) \text{ for all 11kV feeders excluding agriculture}$	$SAIFI = (2) / (1)$

			(each longer than 5 minutes) on i th feeder for the month	supply (1)	feeders (2)	
	Total					

S. No.	Month	N _i =Connected load of i th feeder affected for each interruption	B _i = Total duration of sustained interruptions (each longer than 5 minutes) on i th feeder for the month	N _t =Total connected load at 11kV in licensees area of supply (1)	= $\Sigma(B_i * N_i)$ for all 11kV feeders excluding agricultural feeders (2)	SAIDI= (2) / (1)
	Total					

S. No.	Month	N _i =Connected load of i th feeder affected for each interruption	C _i = Total number of momentary interruptions (each less than or equal to 5 minutes) on i th feeder for the month	N _t =Total connected load at 11kV in licensees area of supply (1)	= $\Sigma(C_i * N_i)$ for all 11kV feeders excluding agricultural feeders (2)	MAIFI= (2) / (1)
	Total					

Annexure - III: Complaint registration format

The format for registering a complaint in the complaint office is shown as under:

S. No.	Time & Date of receiving complaint	Name, Address, Contact no. of complainant	Nature of complaint	Complaint number	Reference Guaranteed standard	Time & Date of redressal of complaint	Total time taken for complaint redressal (in Hours/ minutes)
1							
2							
3							

Appendix: Comparison of JSERC SOP Regulations, 2015 with SOP Regulations of other States

For providing a summarized view of the proposed clauses in the JSERC (Distribution Standard of Performance) Regulations, 2015 vis-à-vis the Standard of Performance Regulations in other states as well as the Model Standard of Performance Regulation specified by the Forum of Regulators, a comparison is given below in tabulated form.

Table 1: Comparison of timelines

S. No.	Complaint	Jharkhand (Existing)		Jharkhand (Proposed)				FOR SOP regulations				Bihar		Andhra Pradesh		<i>SERC = State Electricity Madhya Pradesh</i>				Orissa		Maharashtra	
		Urban Area	Rural Area	Class-1 City	Urban Area	Rural Area	Class-1 City	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area		
1	First response against a consumer call	N/A	N/A	3 min	3 min	3 min	3 min	3 min	3 min	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
2	Registration of complaint	N/A	N/A	5 min	5 min	5 min	5 min	5 min	5 min	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
3	Normal fuse off	8 hrs	36 hrs	3 hrs	4 hrs	24 hrs	3 hrs	4 hrs	8 hrs	4 hrs	24 hrs	4 hrs	12 hrs	4 hrs	24 hrs	6 hrs	24 hrs	4 hrs	24 hrs	4 hrs	24 hrs		
4	Overhead line/ cable Breakdowns	8 hrs	48 hrs	4 hrs	6 hrs	36 hrs	4 hrs	6 hrs	*Specified by SERC	6 hrs	36 hrs	6 hrs	24 hrs	12 hrs	3 days	12 hrs	24 hrs	6 hrs	24 hrs				
5	Underground cable Breakdowns	12 hrs	48 hrs	12 hrs	12 hrs	48 hrs	12 hrs	12 hrs		48 hrs	24 hrs	48 hrs	12 hrs	48 hrs	12 hrs	3 days	12 hrs	24 hrs	12 hrs	12 hrs			
6	Distribution Transformer Failure	48 hrs	72 hrs	24 hrs	24 hrs	48 hrs	16 hrs	24 hrs	48 hrs	24 hrs	72 hrs	24 hrs	48 hrs	24 hrs	72 hrs	24 hrs	48 hrs	24 hrs	48 hrs	24 hrs	48 hrs		
7	Period of scheduled outages	Maximum duration of 12 hrs in a single stretch. Supply to be restored by 6 PM		Total number of scheduled outages for any 11 kV feeder: not more than 4 in a year.				Maximum duration of 12 hrs in a single stretch. Supply to be restored by 6 PM				Scheduled outages, not to exceed 12 hours in a day. Total number of scheduled outages for any 11 kV feeder: not more than 4 in a year.		Maximum duration of 12 hrs in a single stretch. Supply to be restored by 6 PM		Maximum duration of 12 hrs in a single stretch. Supply to be restored by 6 PM		Scheduled outages shall not exceed 8 hours in a day.		Scheduled outages shall not exceed 12 hours in a day.		Scheduled outages shall not exceed 12 hours in a day.	
8	Voltage fluctuations where no expansion/enhancement of network involved	10 days	10 days	10 days	10 days	10 days	10 days	10 days	10 days	10 days	10 days	10 days	10 days	10 days	10 days	10 days	10 days	15 days	15 days	N/A	N/A		
9	Voltage fluctuations where up-gradation of distribution system required	120 days	120 days	120 days	120 days	120 days	120 days	120 days	120 days	120 days	120 days	120 days	120 days	120 days	180 days	180 days	N/A	N/A	N/A	N/A	N/A		

S. No.	Complaint	Jharkhand (Existing)		Jharkhand (Proposed)			FOR SOP regulations			Bihar		Andhra Pradesh		Madhya Pradesh		Orissa		Maharashtra	
		Urban Area	Rural Area	Class-1 City	Urban Area	Rural Area	Class-1 City	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area
10	Voltage fluctuations where erection of substation is required	Case to case basis as per approval of JSERC	On case to case basis as per approval of JSERC	On case to case basis as per approval of the SERC			Within the time period approved by SERC			Within the time period approved by the SERC		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Inspection of meter	7 days	15 days	4 days ⁶	7 days ⁶	12 days ⁶	4 days	7 days	12 days	7 days	15 days	7 days	7 days	7 days	7 days	7 days	7 days	N/A	N/A
12	Replace defective/non working meters	15 days	15 days	3 days ⁶	5 days ⁶	15 days ⁶	3 days	5 days	15 days	Upto 15 days ¹		15 days	15 days	Upto 15 days ³	Upto 30 days ³	30 days	30 days	N/A	N/A
13	Shifting of meter/ Service Connection	N/A		7 days ⁶	7 days ⁶	7 days ⁶	7 days	7 days	7 days	15 days		N/A		N/A		N/A		N/A	
14	Release of supply where possible from existing network	30 days	30 days	30 days ⁶	30 days ⁶	30 days ⁶	30 days	30 days	30 days	30 days		30 days	30 days	21 days	30 days	30 days	30 days	21 days	21 days
15	Release of supply where network expansion required	No overall timelines specified. Timelines given only for each stage of application process ⁷	45 days ⁶	45 days ⁶	60 days ⁶														
	Low Tension					30 days	30 days	30 days	30 days		30 days	30 days	No overall timelines specified. Timelines given only for each stage of application process	30 days		90 days	90 days		
	High Tension					90 days	90 days	90 days	60 days (11 kV) 90 days (33 kV)		60 days (11 kV) 90 days (33 kV)	60 days (11 kV) 90 days (33 kV)		60 days (11 kV) 90 days (33 kV)		90 days	90 days		
	Extra High Tension					180 days	180 days	180 days	180 days		180 days	120 days		Case to case basis ⁴		90 days	90 days		
	Release of supply where new substation required					6 months, with extension to be approved from JSERC ⁶			On case to case basis as approved by SERC		Specified by SERC	Specified by SERC		Specified by SERC		One year	One year		
16	Title transfer of ownership/ Change in name	Within 30 days of decision taken by licensee to change the name	Within 30 days from receipt of application i.e. payment of necessary charges ⁶			Within second billing cycle from date of receipt of application			7 days		7 days	7 days	10 days	10 days	Within 15 days of receipt of application		Second billing cycle	Second billing cycle	

S. No.	Complaint	Jharkhand (Existing)		Jharkhand (Proposed)			FOR SOP regulations			Bihar		Andhra Pradesh		Madhya Pradesh		Orissa		Maharashtra	
		Urban Area	Rural Area	Class-1 City	Urban Area	Rural Area	Class-1 City	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area	Urban Area	Rural Area
17	Change of category	Within 30 of days of mutual agreement and payment of charges and completion of formalities	Within 30 of days of the mutual agreement and payment of charges and completion of formalities ⁶	Within second billing cycle from date of receipt of applicable charges			7 days		7 days	7 days	10 days	10 days			Second billing cycle		Second billing cycle		
18	Conversion from LT to HT and vice-versa & Conversion from LT 1-phase to LT 3-phase or vice versa	Within 30 of days of mutual agreement and payment of charges and completion of formalities	Within 30 days from receipt of application, payment of necessary charges and completion of work ⁶	Within second billing cycle from date of receipt of applicable charges					60 days	60 days	30 days	30 days	60 days for LT to 11 kV; 90 days for LT to 33 kV		Second billing cycle		Second billing cycle		
19	Resolution of billing mistake if no additional information is required	Within 2 days of receipt of complaint	Within 2 days of receipt of the complaint ⁶	24 hrs	24 hrs	24 hrs	24 hrs		24 hrs	24 hrs	24 hrs	24 hrs			30 days		N/A	N/A	
20	Resolution of billing mistake if additional information is required	Within 7 days of receipt of complaint	Within 7 days of receipt of the complaint ⁶	7 days	7 days	7 days	7 days		7 days	7 days	5 days	5 days					N/A	N/A	
21	Reconnection of supply following disconnection due to non-payment of bills	Within 24 hrs of receipt of payment from consumer	Within 48 hrs of receipt of payment from consumer ⁶	Within 24 hrs of receipt of payment from consumer ⁶	Within 24 hrs of receipt of payment from consumer ⁶	Within 48 hrs of receipt of payment from consumer ⁶	4 hrs	4 hrs	12 hrs	Same day on which payment was accepted	Up to next day of payment	4 hr	12 hrs	4 hrs	48 hrs	4 hrs		24 hrs	2 days

1. In Bihar, the guidelines are subcategorized as: 1) Replacement of slow/fast/stuck meter - 15 days 2) Replacement of burnt meter if cause attributable to Licensee/ not attributable to consumer - 7 days and 3) Replacement of burnt meter if cause attributable to Consumer - 14 days
2. As per the JSERC Supply Code 2015 - After deposit of estimated cost and advance charges for temporary electricity connection by the applicant, and satisfactory testing of the consumer installation, the temporary connection shall be released by the date of requirement as indicated in the application form, or as per the timelines specified below: (a) For LT supply without extension, within 7 days (b) For LT supply with extension, within 15 days (c) For HT supply without extension, within 15 days (d) For HT supply with extension, within 25 days (e) For EHT supply, within 30 days
3. In MP, the guidelines are subcategorized as: a) Replace slow, fast, creeping or stuck up meters - Within 30 days in case of rural areas and within 15 days in case of urban areas b) Replace burnt meters if cause not attributable to consumer - Within 7 days of receipt of complaint c) Within 7 days of payment of charges by consumer
4. Connection shall be provided within the estimated time, as intimated, after deposit of Estimated charges, submission of Test Report by consumers, inspection by Supplier's Engineer/Electrical Inspector and Agreement, if required.
5. Refer 6.3.2 of the JSERC Supply Code, 2005
6. As per Jharkhand Supply Code, 2015
7. As per JSERC Supply Code, 2005

Table 2: Comparison of compensation payable to consumer(s) in the event of default by the Distribution Licensee on a Guaranteed Standard of Performance

	Complaint	Jharkhand (Existing)	Jharkhand (Proposed)	FOR SOP regulations	Bihar	Andhra Pradesh	Madhya Pradesh	Orissa	Maharashtra
1	First response against a consumer call	N/A	Rs 50 in each case of default	Rs 50 in each case of default	N/A	N/A	N/A	N/A	N/A
2	Registration of complaint	N/A	Rs 50 in each case of default	Rs 50 in each case of default	N/A	N/A	N/A	N/A	N/A
3	Normal fuse off	Rs. 25 for each day (24 hours) of default	Rs. 25 for each day (24 hours) of default	Rs 50 in each case of default	Rs. 25 for each day of default	Rs.50 in each case of default	Rs 25 for each 6 hrs (or part thereof) of delay in rectification of complaint and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less.	Rs. 100 in each case of default	Rs 50 per hour or part thereof of delay
4	Over head line/cable Breakdowns	Rs. 25 to each affected consumer for each case of default.	Rs. 25 to each affected consumer for each case of default.	Rs 100 in each case of default	Rs. 25 for each day of default	Rs.50 in each case of default	Rs 25 for each 6 hrs (or part thereof) of delay in restoration of supply and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less.	Rs. 100 to each affected consumer	Rs 50 per hour or part thereof of delay
5	Underground cable Breakdowns	Rs. 25 to each affected consumer for each case of default.	Rs. 25 to each affected consumer for each case of default.	Rs 100 in each case of default	Rs. 25 for each day of default	Rs.50 in each case of default	Rs 25 for each 6 hrs (or part thereof) of delay in restoration of supply and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less.	Rs. 100 to each affected consumer	Rs 50 per hour or part thereof of delay
6	Distribution Transformer Failure	Rs. 25 to each affected consumer for each case of default.	Rs. 25 to each affected consumer for each case of default.	Rs 150 in each case of default	Rs. 50 for each day of default	Rs.100 in each case of default	Rs 25 for each day of delay in replacement of transformer or restoration of supply and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less.	Rs. 200 to each affected consumer	Rs 50 per hour or part thereof of delay
7	Period of scheduled outages	Rs. 25 to each affected	Rs. 25 to each affected	Rs 150 in each case of default	Rs. 50 for each day of default	Rs.100 in each case of default	Nil	Rs. 200 to each affected	Nil

	Complaint	Jharkhand (Existing)	Jharkhand (Proposed)	FOR SOP regulations	Bihar	Andhra Pradesh	Madhya Pradesh	Orissa	Maharashtra
		consumer for each case of default.	consumer for each case of default.					consumer	
8	Voltage fluctuations where no expansion/enhancement of network involved	Rs. 100 in each case of default	Rs. 100 in each case of default	Rs 50 for each day of default	Rs. 50 for each day of default	Rs.50 for each day of default	Amount equivalent to 2% of last paid electricity bill subject to maximum of Rs.50. in each case of default	Rs. 200 in each case of default	Rs 100 per week or part thereof for which voltage varies beyond the specified range
9	Voltage fluctuations where up-gradation of distribution system required	Rs. 100 in each case of default	Rs. 100 in each case of default	Rs 100 for each day of default	Rs. 50 for each day of default	Rs.100 for each day of default	Amount equivalent to 1% of last paid electricity bill subject to maximum of Rs.50.. in each case of default	Rs. 500 in each case of default	Rs 100 per week or part thereof for which voltage varies beyond the specified range
10	Voltage fluctuations where erection of substation is required	N/A	Rs 250 for each day of default	Rs 250 for each day of default	Rs. 250 for each day of default	Rs.250 for each day of default	N/A	N/A	Rs 100 per week or part thereof for which voltage varies beyond the specified range
11	Inspection of meter	Rs. 50 in each case of default	Rs. 50 in each case of default	Rs 50 for each day of default	Rs. 50 for each day of default	Rs.50 for each day of default	Rs 25 per week (or part thereof) of delay and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less.	Rs. 100 in each case of default	N/A

	Complaint	Jharkhand (Existing)	Jharkhand (Proposed)	FOR SOP regulations	Bihar	Andhra Pradesh	Madhya Pradesh	Orissa	Maharashtra
12	Replacement of slow/fast stuck meter	Rs. 50 in each case of default	Rs. 50 in each case of default	Rs 50 for each day of default	Rs. 50 for each day of default	Rs.50 for each day of default	Rs 25 per week (or part thereof) of delay and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less.	Rs. 100 in each case of default	N/A
13	Shifting of meter/ Service Connection	N/A	Rs 50 for each day of default	Rs 50 for each day of default	Rs. 50 for each day of default				
14	Release of supply where possible from existing network	Rs. 50 for each day of default	Rs. 50 for each day of default	Rs 100 for each day of default	Rs. 50 for each day of default	Rs.50 for each day of default	LT Connections - Rs 25 per week (or part thereof) of delay and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less.	Rs. 100 for each day of default	Rs 100 per week or part thereof of delay
15	Release of supply where network expansion is required	Charges for each day of default: LT Connections - Rs. 50 HT Connections (11kV) - Rs 100 HT Connections (33kV) - Rs 200 EHT Connections (132kV) - Rs 500	Charges for each day of default: LT Connections - Rs. 50 HT Connections (11kV) - Rs 100 HT Connections (33kV) - Rs 200 EHT Connections (132kV) - Rs 500	Rs 250 for each day of default	Charges for each day of default: LT Connections - Rs. 50 Other Connections - Rs 250	Charges for each day of default: LT Connections - Rs. 50 Other Connections - Rs 250	HT Connections - Rs 50 per week (or part thereof) of delay and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less.	Charges for each day of default: LT Connections - Rs. 100 Other Connections - Rs 500	Rs 100 per week or part thereof of delay
16	Title transfer of ownership/ Change in name	Rs. 50 for each month of default	Rs. 50 for each month of default	Rs 50 for each day of default	Rs 50 for each day of default	Rs.50 for each day of default	Rs 25 per day (or part thereof) of delay and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less	Rs. 100 for each day of default	Rs 100 per week or part thereof of delay
17	Change of category	Rs. 50 for each month of default	Rs. 50 for each month of default	Rs 50 for each day of default	Rs 50 for each day of default			Rs. 100 for each day of default	Rs 100 per week or part thereof of delay

	Complaint	Jharkhand (Existing)	Jharkhand (Proposed)	FOR SOP regulations	Bihar	Andhra Pradesh	Madhya Pradesh	Orissa	Maharashtra
18	Conversion from LT to HT and vice-versa & Conversion from LT 1-phase to LT 3-phase or vice versa	Rs. 50 for each month of default	Rs. 50 for each month of default	Rs 50 for each day of default	N/A	Rs.100 for each day of default	Rs 25 per day (or part thereof) of delay and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less	Rs. 200 for each day of default	Rs 100 per week or part thereof of delay
19	Resolution of billing mistake if no additional information is required	Rs. 50 for each month of default	Rs. 10 for each day (24 hrs) of default	Rs 50 for each day of default	Rs. 25 for each day of default	Rs.25 for each day of default	Rs 25 per day (or part thereof) of delay and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less	Rs. 50 for each day of default	N/A
20	Resolution of billing mistake if additional information is required	Rs. 50 for each month of default	Rs. 10 for each day (24 hrs) of default	Rs 50 for each day of default					N/A
21	Reconnection of supply following disconnection due to non-payment of bills	Rs. 25 for each day (24 hrs) of default	Rs. 25 for each day (24 hrs) of default	Rs 50 for each day of default	Rs. 25 for each day of default	Rs.50 for each day of default	Rs 25 per day (or part thereof) of delay and the total amount shall not exceed 10% of the monthly bill or Rs. 100/- whichever is less	Rs. 100 for each case of default	Rs 100 per week or part thereof of delay

By the order of the Governor of Jharkhand,

S.K.G. Rahate,
Principal Secretary,
Department of Energy,
Government of Jharkhand.